

Journal of

Neurology

Zeitschrift für Neurologie

Vol. 215 - 1977

Editorial Board

M. Alter Philadelphia · **H. Bauer** Göttingen · **P. Castaigne** Paris
C. Fazio Roma · **E. J. Field** Newcastle upon Tyne
H. C. Hopf Mainz · **J. A. Kappers** Amsterdam
A. Lowenthal Antwerpen · **C. D. Marsden** London
S. Refsum Oslo · **H. Reisner** Wien · **G. Schaltenbrand** Würzburg
K. Schürmann Mainz · **W. Tönnis** Köln · **K. J. Zülch** Köln
M. Mumenthaler Bern (Editor-in-Chief)

Advisory Board

R. Ch. Behrend Hamburg · **T. Broman** Göteborg
J. A. N. Corsellis Wickford · **O. Creutzfeldt** Göttingen
H. vander Eecken Gent · **R. A. Frowein** Köln
J. Hausmanowa-Petrusewicz Warszawa · **A. Hopf** Düsseldorf
W. Kahle Frankfurt a. M. · **H. H. Kornhuber** Ulm
H. Kuhlendahl Düsseldorf · **Y. Kuroiwa** Fukuoka
F. L. McNaughton Montreal · **H. Narabayashi** Tokyo
E. Niedermeyer Baltimore · **H. W. Pia** Giessen
K. Poeck Aachen · **G. Quadbeck** Heidelberg · **U. K. Rinne** Turku
W. Schiefer Erlangen · **L. Symon** London · **R. F. Schmidt** Kiel
W. Wechsler Köln · **S. Wende** Mainz
M. Wiesendanger Fribourg · **W. Zeman** Lahnstein



Springer International

Journal of Neurology Zeitschrift für Neurologie

Vol. 1—197: Deutsche Zeitschrift für Nervenheilkunde. Founded in 1891 by W. Erb, L. Lichtheim, Fr. Schultze and A. Strümpell, edited by W. Erb, L. Lichtheim, Fr. Schultze, A. Strümpell, M. Nonne, V. v. Weizsäcker, H. Pette, H. Spatz, P. Vogel et al.

Vol. 198—206 (1970—1974): Zeitschrift für Neurologie — Journal of Neurology
Vol. 1—152 Leipzig and Berlin, F. C. W. Vogel, from Vol. 153 (1942) Berlin, Springer.

The exclusive copyright for all languages and countries, including the right for photomechanical and any other reproductions, also in microform, is transferred to the publisher.

The use of registered names, trademarks, etc. in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.

Springer-Verlag Berlin Heidelberg New York

Printed in Germany by J. P. Peter, Gebr. Holstein, Rothenburg o. d. Tbr.

© by Springer-Verlag Berlin Heidelberg 1977

Contents

Editorial

Wende, S., s. Zülch, K. J.	233
Zülch, K. J., Wende, S.: The Actual State of Computerized Tomography (CT) — Computer Assisted Tomography (CAT)	233

Original Investigations and Short Communications

Akima, M., Nonaka, H., Senzui, M., Kitazawa, Y.: Craniometaphysical Dysplasia with Leukoencephalopathy. A Case Report	253
Annabi, A., s. Lapresle, J., et al.	155
Bischoff, A., s. Meier, C.	103
Bruderman, I., s. Korczyn, A. D., et al.	67
Carel, R. S., s. Korczyn, A. D., et al.	67
Collard, M., s. Michotte, Y., et al.	209
Cramon, D. v., Zihl, J.: Die Häufigkeit von schnellen Augenbewegungen und Blinks als Aktivationsindikator.	115
Crevits, L., Thiery, E., vander Eecken, H.: Oculomandibular Dyscephaly (Hallermann-Streiff-François Syndrome) Associated with Epilepsy	225
Debuch, H., s. Winterfeld, M.	261
de Coster, W., s. Otte, G., et al.	91
Delaney, P., s. Fermaglich, J.	221
Delmotte, P., Gonsette, R.: Biochemical Findings in Multiple Sclerosis. IV. Isoelectric Focusing of the CSF Gamma Globulins in Multiple Sclerosis (262 Cases) and Other Neurological Diseases (272 Cases)	27
de Reuck, J., s. Otte, G., et al.	91
Engel, W. K., Hawley, R. J.: Focal Lesions of Muscle in Peripheral Vascular Disease	161
Engelhardt, P., Lang, W.: Primary Melanocytoblastoma of the Leptomeninges	73
Faden, A., Rollo, F. D.: Persistently Abnormal Brain Scintigraphy after Cerebral Infarction	169
Fermaglich, J., Delaney, P.: Parkinson's Disease, Melanoma, and Levodopa	221
Fierz, L., s. Jenzer, G.	151
Firnhaber, W., Orth, H.: Über die pathogenetische Bedeutung von Zahnerkrankungen und Zahnbehandlungen bei der Multiplen Sklerose. Eine Vergleichsstudie an je 51 MS-Kranken und Epileptikern	141
Forst, R., s. Meyer, J. G.	127
Gonsette, R., s. Delmotte, P.	27
Hawley, R. J., s. Engel, W. K.	161
Hemli, J., s. Scharf, I., et al.	231
Herrschaft, H., Kunze, U.: Correlation between the Clinical Picture, the EEG and Cerebral Blood Flow after Partial Occlusion of the Middle Cerebral Artery in Man	191
Hertel, G., s. Ricker, K.	287
Hosokawa, K., s. Kurata, K., et al.	295
Jellinger, K.: Giant Cell Granulomatous Angiitis of the Central Nervous System	175
Jenzer, G., Fierz, L.: Visible "Angular Pulse" with Internal Carotid Occlusion	151
Jones, J. N., Schwarz, H. J.: Two Cases of Giant Intracerebral Aneurysm Simulating Neoplasm on CT Scan; One with Coexistent Chronic Subdural Hematoma	49
Kiesswetter, H., Wöber, G., Salah, S.: Die Beckenbodenimplantatelektrode (Caldwell) zur Behandlung von Harn- und Stuhlinkontinenz nach Caudaneurinom (Fallbericht)	203
Kitazawa, Y., s. Akima, M., et al.	253
Knaepen, L., s. Michotte, Y., et al.	209
Korczyn, A. D., Carel, R. S., Bruderman, I.: Ventilatory Response to Carbon Dioxide in Multiple Sclerosis	67

Koshino, Y., s. Kurata, K., et al.	295
Kunze, U., s. Herrschaft, H.	191
Kurata, K., Hosokawa, K., Koshino, Y.: Treatment of Neuroleptic Induced Tardive Dyskinesia with Cyproheptadine	295
Kurtzke, J. F.: Geography in Multiple Sclerosis	1
Lang, W., s. Engelhardt, P.	73
Lapresle, J., Metreau, R., Annabi, A.: Transient Achromatopsia in Vertebrobasilar Insufficiency	155
Lowenthal, A., s. Michotte, Y., et al.	209
Massart, D. L., s. Michotte, Y., et al.	209
Meier, C., Bischoff, A.: Polyneuropathy in Hypothyroidism. Clinical and Nerve Biopsy Study of 4 Cases	103
Meier, C., Sollmann, H.: Regeneration of Cauda Equina Fibres after Transsection and End-to-End Suture. Light and Electron Microscopic Study in the Pig	81
Metreau, R., s. Lapresle, J., et al.	155
Meyer, J. G., Forst, R.: A Psychometric Evaluation of the Acute Tremulous State	127
Meyer, J. G., Urban, K.: Electrolyte Changes and Acid Base Balance after Alcohol Withdrawal. With Special Reference to Rum Fits and Magnesium Depletion	135
Michotte, Y., Lowenthal, A., Knaepen, L., Collard, M., Massart, D. L.: A Morphological and Chemical Study of Calcification of the Pineal Gland	209
Nahir, M., s. Scharf, I., et al.	231
Neu, I., s. Rodiek, S.	273
Nonaka, H., s. Akima, M., et al.	253
Onaegbulam, S. C.: Sudden Death from an Asymptomatic Sphenoid Ridge Meningioma	
Orth, H., s. Firnhaber, W.	141
Otte, G., de Coster, W., Thiery, E., de Reuck, J., vander Eecken, H.: Ultrastructural Study of a Muscle Biopsy from a Patient with Subacute Myelo-Optic Neuropathy	91
Pfeiffer, R., Pfeiffer, R. A.: Hypoplasia ponto-neocerebellaris	241
Pfeiffer, R. A., s. Pfeiffer, J.	241
Ricker, K., Hertel, G.: Influence of Local Cooling on the Muscle Contracture and Paresis of McArdle's Disease	287
Rodiek, S., Neu, I.: Computed Tomography for Neurological Intensive Care Patients. Report on One Hundred CT Examinations	273
Rollo, F. D., s. Faden, A.	169
Salah, S., s. Kiesswetter, H., et al.	203
Scharf, I., Nahir, M., Hemli, J.: Transverse Myelitis with Systemic Lupus Erythematosus	
Schlenska, G. K.: Unusual Neurological Complications Following Tetanus Toxoid Administration	299
Schwarz, H. J., s. Jones, J. N.	49
Senzui, M., s. Akima, M., et al.	253
Sollmann, H., s. Meier, C.	81
Thiery, E., s. Crevits, L., et al.	225
Thiery, E., s. Otte, G., et al.	91
Urban, K., s. Meyer, J. G.	135
vander Eecken, H., s. Crevits, L., et al.	225
vander Eecken, H., s. Otte, G., et al.	91
Wajsbort, J.: Zur Frage des Off-On-Effektes bei Levodopa-Behandlung des Parkinsonismus	59
Winterfeld, M., Debuch, H.: Untersuchungen an Glycerinphospholipiden aus weißer Substanz von MS- und Normalgehirnen	261
Wöber, G., s. Kiesswetter, H., et al.	203
Wolf, P.: Periodic Synchronous and Stereotyped Myoclonus with Postanoxic Coma	39
Zihl, J., s. Cramon, D. v.	115
Forthcoming Meetings	159
Forthcoming Meetings	303

Index of the Key words

- Achromatopsia 155
Action myoclonus 39
Activation 115
Alcoholism 135
Alcohol withdrawal 135
— — state 127
Aldehydes 261
Amalgam theory 141
Aneurysm, intracranial 49
Angular artery 151
Arousal 115
- Blinks 115
Brain scanning, abnormal 169
— tumors 73
- CAT 49, 233
Carotid occlusion 151
Cauda equina 81
Central nervous system 175
Cerebellar atrophy 241
Cerebral blood flow (rCBF) 191
— infarction and brain scanning 169
— ischemia 191
Cerebrospinal fluid, see CSF
Cerebrovascular accident and brain scanning 169
— disease 151
Clustering 1
Coma, postanoxic 39
Computed tomography, brain 49, 233, 273
Cranioetaphysial dysplasia 253
CSF 27, 73
— cytology 73
Cyproheptadine 295
- Decarboxylase inhibitor 59
Dégénérescence systématisé optico-cochléo-dentelé 241
Dental focus 141
Dentate nucleus 241
Drop attacks 155
Dyskinesia, tractive 295
- EEG 191
Electrolyte changes after alcohol withdrawal 135
Electron microscopy 81, 91, 103
Electrooculogram 115
Encephalopathy 299
Epilepsy 141, 225
— with alcoholism 135
- Facial pulse 151
Fatty acids 261
- Frequency and kinds of clinical diagnoses 273
- Gamma globulins 27
Geographic distribution 1
Giant cell arteritis 175
Granulomatous angiitis 175
- Hallermann-Streiff-Francois syndrome 225
Hemorrhage 291
Hypothyroidism 103
- Incontinence, urinary 203
Isoelectric focusing 27
Isotope diagnosis 233
- Leukoencephalopathy 253
Levodopa 59, 221
Lupus erythematosus, systemic 231
Low temperature ashing 209
- Magnesium depletion 135
M.C.A. occlusion 191
McArdle's disease 287
Melanoma 73, 221
Meningioma, sphenoid ridge asymptomatic 291
Microcephaly 241
Migration 1
Multiple sclerosis 1, 27, 67, 141, 261
— —, ventilation in 67
Muscle cooling 287
— biopsy 91
— pathology 161
Muscular contracture 287
— dystrophy 161
Myelitis transversa 231
Myelopathy 299
Myoclonus, synchronous 39
- Nerve biopsy 103
Neurinoma, cauda equina 203
Neurological diseases 27
Neurological intensive care patients 273
Neuromuscular junction 91
Neuropsychiatric disorders 191
Neuroradiology 233
- Oculomandibular dyscephaly 225
„Off-On" effect 59
- Paracrystalline inclusions 91
Paramyotonia congenita 287
Parkinson disease 59, 221
Pathogenesis 161
Pelvic implanted electrode 203

- Periodic discharge 39
Peripheral Neuropathy 103, 299
Phospholipids 261
Pineal gland calcification 209
Plasmalogens 261
Psychomental state 225
Pyle's disease 253
- Race 1
Regeneration 81
Renault bodies 103
Respiratory control 67
- Saccades 115
Scanning electron microscopy 209
Seesaw automatism, antagonist 39
SMON 91
Spinal cord 231
- — compression 253
— nerve root 81
Stereotyped myoclonus 39
Subdural hematoma, chronic 49
Sudden death 291
- Tetanus toxoid 299
Trace elements 209
Transsection and suture 81
Transverse myelitis 231
Tremor 127
Tremulous state, acute 127
- Vascular disease and muscle pathology 161
Vasculitis 175
Ventilatory response to carbon dioxide 67
Vertebrobasilar insufficiency 155